## APPLICATION UNDER UNITED STATES PATENT LAWS

Invention: RECEPTOR BINDING ASSAYS FOR THE DETECTION OF TSH

RECEPTOR AUTOANTIBODIES AND REAGENTS AND REAGENT KIT

FOR CARRYING OUT SUCH A RECEPTOR BINDING ASSAY

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	This is a:								
	Provisional Application								
	Regular Utility Application								
	Continuing Application								
$\boxtimes$	PCT National Phase Application								
	Design Application								
	Reissue Application								
	Plant Application								
	Substitute Specification Sub. Spec. filed in App. No /								
	Marked Up Specification re Sub. Spec. filed in App. No. /								

## **SPECIFICATION**

09/381032 514 Rec'd PCERTO 1 5 SEP 1999

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **REQUEST FOR FILING NATIONAL PHASE OF** PCT APPLICATION UNDER 35 U.S.C. 371 AND 37 CFR 1.494 OR 1.495

To: Asst. Commissioner of Patents Washington, D.C. 20231

TRANS	SMITTAL LETTER TO THE UNITED S	TATE	ES	Atty	Dkt:	PM 2632	60	2769US AS/KM			
DESIG	NATED/ELECTED OFFICE (DO/EO/	JS)				N	Л#	Client Ref.			
From:	Pillsbury Madison & Sutro LLP, IP (	Group	):	Date:	Se	eptember 1	15, 1999				
	This is a <b>REQUEST</b> for <u>FILING</u> a PO	CT/US	SA Natio	nal Phase A	Applica	tion based	on:				
1.	International Application	2.	International Filing Date			3.	Earliest Priority Date Claime				
	PCT/EP99/00159 <u>û country code</u>		13 Day	January MONTH	199 Yea	<u>9</u> ır	15 Day	January 1998 MONTH Yea			
4.	(use item 2 if no earlier priori Measured from the earliest priority date in item 3, this PCT/USA National Phase Application Request is bein filed within:										
	(a) ⊠ 20 months from above item 3 date (b) ☐ 30 months from above item 3 date,										
	(c) Therefore, the due date (unextendable) is 9/15/99										
5.	Title of Invention Receptor binding assays for the detection of TSH receptor autoantibodies and reagents and reagent kit for carrying out such a receptor binding assay										
6.	Inventor(s) BERGMANN, Andrea	s et a	<u>!</u>								
Applica	ant herewith submits the following und	er 35	U.S.C.	371 to effec	t filing:						
7.	☑ Please immediately start national examination procedures (35 U.S.C. 371 (f)).										
8.	☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is transmitted herewith (file if in English but, if in foreign language, file only if not transmitted to PTO by the International Bureau) including:										
	<ul> <li>a.  Request;</li> <li>b. Abstract;</li> <li>c. pgs. Spec. and Claims;</li> <li>d. sheet(s) Drawing which ar</li> </ul>	e 🗆	] informa	u 🗆	formal	of size	□ <b>A</b> 4	<u> </u>			
9.	☑ A copy of the International App	olicati	ion has	been trans	mitted	l by the In	ternationa	ıl Bureau.			
10.	A translation of the International A.  a. is transmitted herewith in  (3) 42 pgs. Spec. a.  (4) 4 sheet(s) Dra	cludir and C	ng: (1) [ :laims;	Request;			(2))				
	b. is not required, as the ap c. is not herewith, but will be Notice per Rule 494(c) if d. Translation statement att	plicat e filed box 4	] information was   when re   (a) is X'	al filed in Engl equired by t d or Rule 49	lish. he fort 95(c) if						

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received, please proceed promptly to obtain same from the IB.

Copy of Form PCT/IB/304 attached.

See Form PCT/IB/304 sent to US/DO with copy of priority documents. If copy has not been

PLEASE AMEND the specification before its first line by inserting as a separate paragraph:

--This application is the national phase of international application PCT \_/EP99

RE: USA National Filing of PCT/ EP#

filed January 13, 1999

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24.	Attac	hed:					:		514 M	iec a l	1/F IV		ו ט טנ	P 1777
25.	Preli	mina	ary Amend	ment:										
25.5	Per Item 17.c3, cancel original pages #, claims #, Drawing Sheets #													
26. based o	Calc on <u>am</u>	ulati ende	on of the U d claim(s) p	J.S. Na per ab	ational Fe ove item(	e <b>e (35 U.</b> s)	<u>S.C. 371</u> ☐ 14,	<b>(c)(1))</b> 17,	and oth ☐ 25,	ner fees is 25.5 (h	as fol ilite)	lows	<u>s:</u>	Fee Code (Ig/sm entity)
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BASIC	NATIO	IANC	_ FEE (37 C	CFR 1.	492(a)(1)	-(4)): <b>→</b> -	BASIC	FEE R	EQUIR	ED, <u>NOW</u> ∋	۰ ++	,		
A. If country code letters in item 1 are not "US", "BR", "BB", "TT", "MX", "IL" "NZ", or "IN"														
	See item 16 re:  1. Search Report was not prepared by EPO or JPO  2. Search Report was prepared by EPO or JPO						. <b>-</b>		add\$970/\$ add\$840/\$	485 420	+8·	40	960/961 970/971	
SKIP B, C, D AND E UNLESS country code letters in item 1 are "US", "BR", "BB", "TT", "MX", "IL", "NZ", or "IN"														
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(o <u>nly)</u> (one) → (of)		C.	If <u>USPTO</u> i X'd),	issued	ISR but	not IPER	(or box 4	1(a) abo	ove is	add\$760/\$	380	+		958/959
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<b>→</b>	→ E. If international preliminary examination fee was paid to USPTO and Rules 492(a)(4) and 496(b) satisfied (IPER Sec. V all 3 boxes YES for all claims),								add \$96/\$4	48	<u>+</u>		962/963	
27.									SUBTOTA	\L =	\$84	40	<b>=</b>	
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